```
 NEWS IPC8      For general information regarding STN implementation of IPC 8
 NEWS X25       X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:21:37 ON 16 DEC 2006

=> fil reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:21:56 ON 16 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   15 DEC 2006  HIGHEST RN 915749-75-6
DICTIONARY FILE UPDATES:  15 DEC 2006  HIGHEST RN 915749-75-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> S STQNASLLSLTVC/SQSP
L1             1 STQNASLLSLTVC/SQSP

=> FIL HCAP
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                        28.89      29.10

FILE 'HCAPLUS' ENTERED AT 15:22:34 ON 16 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)
```

10/797,626

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTATSH1654

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6	SEP 11	CA/CAplus enhanced with more pre-1907 records
NEWS 7	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 8	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 12	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS 13	OCT 19	E-mail format enhanced
NEWS 14	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS 15	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 16	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 17	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 18	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS 19	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS 20	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 21	NOV 13	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 22	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS 23	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 24	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS 25	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS 26	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS 27	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

T.S. Heard Ph.D.

FILE COVERS 1907 - 16 Dec 2006 VOL 145 ISS 26
FILE LAST UPDATED: 15 Dec 2006 (20061215/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L1
L2 2 L1

=> D L2 1-2 IBIB ABS HITSTR

L2 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:977981 HCAPLUS
DOCUMENT NUMBER: 145:334147
TITLE: Methods of inhibiting angiogenesis and tumor development
INVENTOR(S): Brooks, Peter, C.; Akalu, Abebe; Cretu, Alexandra; Policarpio, Desiree
PATENT ASSIGNEE(S): New York University, USA
SOURCE: PCT Int. Appl., 153pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2006098987	A2	20060921	WO 2006-US8266		20060309
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
US 2006216236	A1	20060928	US 2006-371620		20060309
US 2006216237	A1	20060928	US 2006-372367		20060309
US 2006240002	A1	20061026	US 2006-371626		20060309
PRIORITY APPLN. INFO.:			US 2005-660713P	P	20050311
			US 2005-660889P	P	20050311

US 2005-660903P P 20050311
US 2005-711049P P 20050824
US 2005-711177P P 20050825

AB The authors disclose methods for identifying genes and proteins modulated by antagonism of extracellular matrix (ECM) ligands that specifically interact with αvβ3 integrin. The authors also disclose using the identified genes and proteins for inhibiting angiogenesis, tumor metastasis, and other tumor developmental processes, including cell migration, cell adhesion, cell proliferation, and tumor growth and for treating angiogenesis-dependent conditions. In one example, a monoclonal antibody antagonist of αvβ3 is shown to modulate the expression of IGFBP-4, TSP-1, Id-1, p27KIP, and p21CIP.

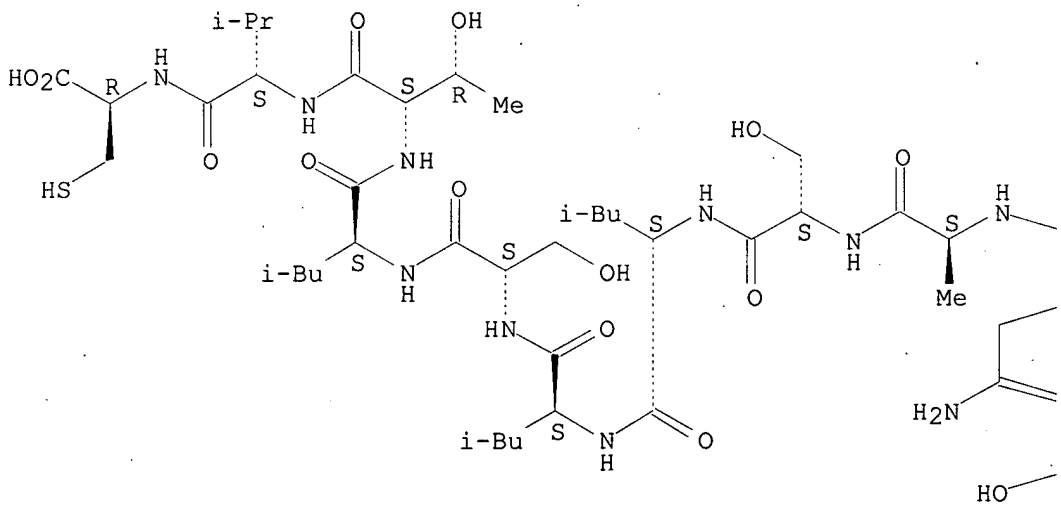
IT 771528-84-8
RL: BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antagonists of extracellular matrix ligand/αvβ3 integrin interaction for inhibition of tumor angiogenesis and metastasis)

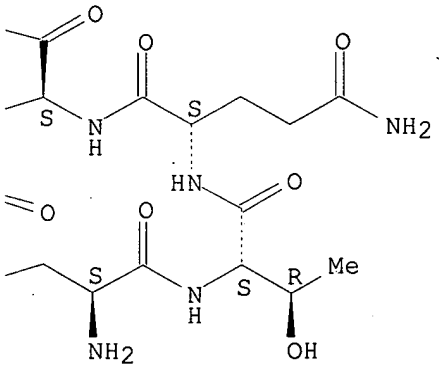
RN 771528-84-8 HCAPLUS

CN L-Cysteine, L-seryl-L-threonyl-L-glutaminyl-L-asparaginyl-L-alanyl-L-seryl-L-leucyl-L-leucyl-L-seryl-L-leucyl-L-threonyl-L-valyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A





L2 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:857618 HCAPLUS
DOCUMENT NUMBER: 141:325699
TITLE: Methods for inhibiting angiogenesis, tumor growth and metastasis by using Stq-peptides as antagonists to bind to denatured laminin
INVENTOR(S): Brooks, Peter C.; Akalu, Abebe
PATENT ASSIGNEE(S): New York University, USA
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087734	A2	20041014	WO 2004-US9332	20040326
WO 2004087734	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004224896	A1	20041111	US 2004-797626	20040309
AU 2004225986	A1	20041014	AU 2004-225986	20040326
CA 2520372	A1	20041014	CA 2004-2520372	20040326
EP 1611151	A2	20060104	EP 2004-758409	20040326

T.S. Heard Ph.D.

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK

JP 2006524241 T 20061026 JP 2006-509356 20040326
PRIORITY APPLN. INFO.: US 2003-458523P P 20030328
WO 2004-US9332 A 20040326

AB The invention describes methods for inhibiting angiogenesis, tumor growth and metastasis in a tissue of a mammal by administering an antagonist that specifically binds to a proteolyzed or denatured laminin with substantially greater affinity than to the native form of laminin. Methods utilizing such antagonists for therapeutic treatment of tumor growth, tumor metastasis or of restenosis also are described, as are methods to use such antagonists as diagnostic markers of angiogenesis in normal or diseased tissues both in vivo and ex vivo.

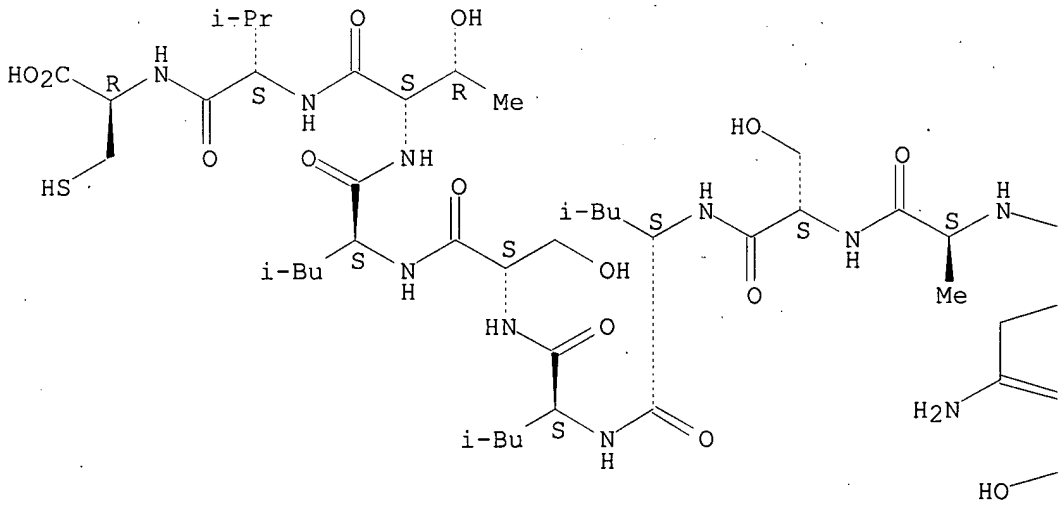
IT 771528-84-8P
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; inhibiting angiogenesis, tumor growth and metastasis by using Stq-peptides as antagonists to bind to denatured laminin)

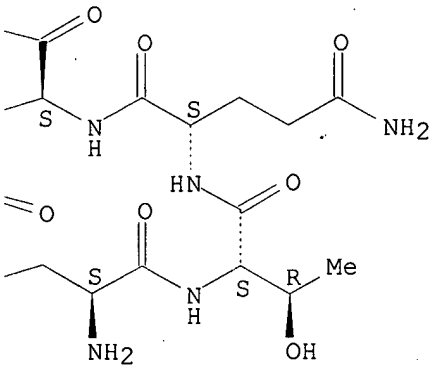
RN 771528-84-8 HCAPLUS

CN L-Cysteine, L-seryl-L-threonyl-L-glutaminyl-L-asparaginyl-L-alanyl-L-seryl-L-leucyl-L-leucyl-L-seryl-L-leucyl-L-threonyl-L-valyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A





=> FIL REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.28	44.38

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

FILE 'REGISTRY' ENTERED AT 15:23:44 ON 16 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 DEC 2006 HIGHEST RN 915749-75-6
DICTIONARY FILE UPDATES: 15 DEC 2006 HIGHEST RN 915749-75-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

T.S. Heard Ph.D.

```
=> S KGGCSTQNAQLLSLIVGKA/SQSP
L3           1 KGGCSTQNAQLLSLIVGKA/SQSP

=> FIL HCAP
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    29.33      73.71

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -1.50

FILE 'HCAPLUS' ENTERED AT 15:24:44 ON 16 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)
```



```
FILE COVERS 1907 - 16 Dec 2006  VOL 145 ISS 26
FILE LAST UPDATED: 15 Dec 2006  (20061215/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> S L3
L4           2 L3

=> D L4 1-2 IBIB ABS HITSTR

L4   ANSWER 1 OF 2  HCAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2006:977981  HCAPLUS
DOCUMENT NUMBER:          145:334147
TITLE:                    Methods of inhibiting angiogenesis and tumor
                          development
INVENTOR(S):              Brooks, Peter, C.; Akalu, Abebe; Cretu, Alexandra;
                          Policarpio, Desiree
PATENT ASSIGNEE(S):       New York University, USA
SOURCE:                   PCT Int. Appl., 153pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ---------------     ----   --------    --------------------    --------
```

WO 2006098987				A2		20060921		WO 2006-US8266						20060309	
W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,
	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
	GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KN,	KP,	KR,
	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,
	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,
	SG,	SK,	SL,	SM,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,
	VN,	YU,	ZA,	ZM,	ZW											
RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,
	IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	BJ,
	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,	GH,
	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
	KG,	KZ,	MD,	RU,	TJ,	TM										

US 2006216236	A1	20060928	US 2006-371620		20060309
US 2006216237	A1	20060928	US 2006-372367		20060309
US 2006240002	A1	20061026	US 2006-371626		20060309
PRIORITY APPLN. INFO.:			US 2005-660713P	P	20050311
			US 2005-660889P	P	20050311
			US 2005-660903P	P	20050311
			US 2005-711049P	P	20050824
			US 2005-711177P	P	20050825

AB The authors disclose methods for identifying genes and proteins modulated by antagonism of extracellular matrix (ECM) ligands that specifically interact with αvβ3 integrin. The authors also disclose using the identified genes and proteins for inhibiting angiogenesis, tumor metastasis, and other tumor developmental processes, including cell migration, cell adhesion, cell proliferation, and tumor growth and for treating angiogenesis-dependent conditions. In one example, a monoclonal antibody antagonist of αvβ3 is shown to modulate the expression of IGFBP-4, TSP-1, Id-1, p27KIP, and p21CIP.

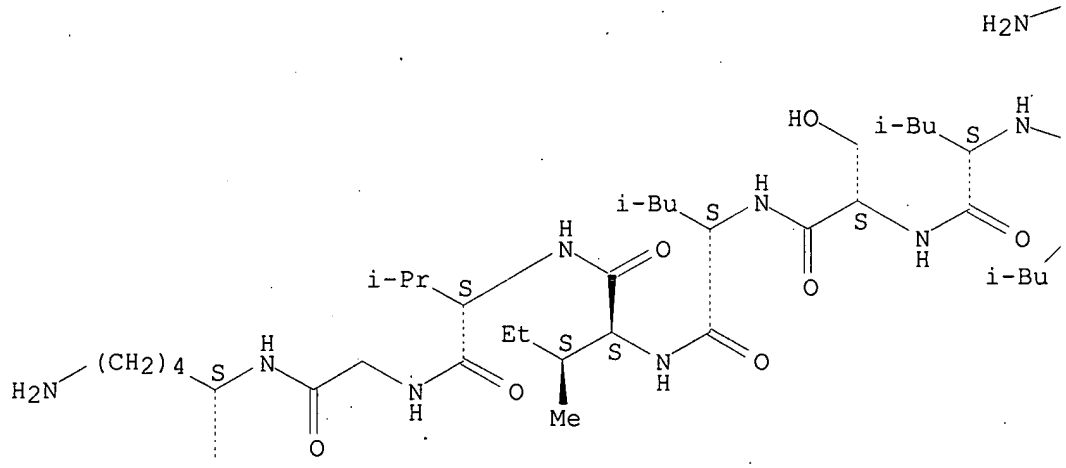
IT 771528-86-0
RL: PRP (Properties)
(unclaimed sequence; methods of inhibiting angiogenesis and tumor development)

RN 771528-86-0 HCAPLUS

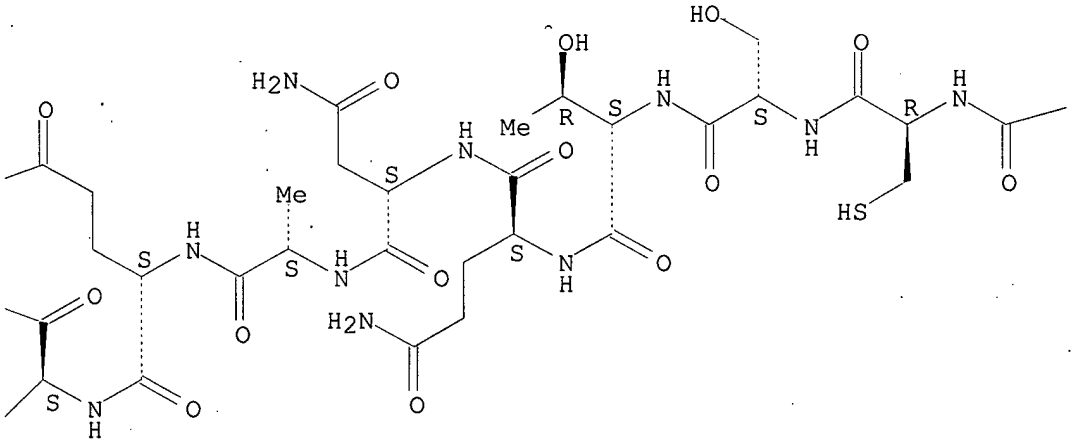
CN L-Alanine, L-lysylglycylglycyl-L-cysteinyl-L-seryl-L-threonyl-L-glutaminyl-L-asparaginyl-L-alanyl-L-glutaminyl-L-leucyl-L-leucyl-L-seryl-L-leucyl-L-isoleucyl-L-valylglycyl-L-lysyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

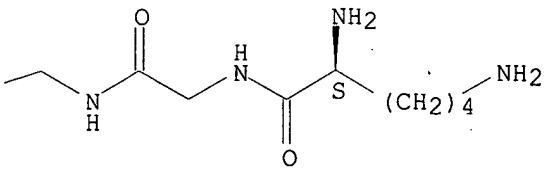
PAGE 1-A



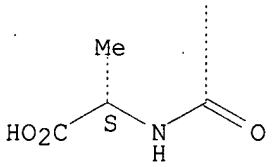
PAGE 1-B



PAGE 1-C



PAGE 2-A



L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:857618 HCAPLUS
DOCUMENT NUMBER: 141:325699
TITLE: Methods for inhibiting angiogenesis, tumor growth and metastasis by using Stq-peptides as antagonists to bind to denatured laminin
INVENTOR(S): Brooks, Peter C.; Akalu, Abebe
PATENT ASSIGNEE(S): New York University, USA
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087734	A2	20041014	WO 2004-US9332	20040326
WO 2004087734	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004224896	A1	20041111	US 2004-797626	20040309
AU 2004225986	A1	20041014	AU 2004-225986	20040326
CA 2520372	A1	20041014	CA 2004-2520372	20040326
EP 1611151	A2	20060104	EP 2004-758409	20040326
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				

JP 2006524241 T 20061026 JP 2006-509356 20040326
PRIORITY APPLN. INFO.: US 2003-458523P P 20030328
WO 2004-US9332 A 20040326

AB The invention describes methods for inhibiting angiogenesis, tumor growth and metastasis in a tissue of a mammal by administering an antagonist that specifically binds to a proteolyzed or denatured laminin with substantially greater affinity than to the native form of laminin. Methods utilizing such antagonists for therapeutic treatment of tumor growth, tumor metastasis or of restenosis also are described, as are methods to use such antagonists as diagnostic markers of angiogenesis in normal or diseased tissues both in vivo and ex vivo.

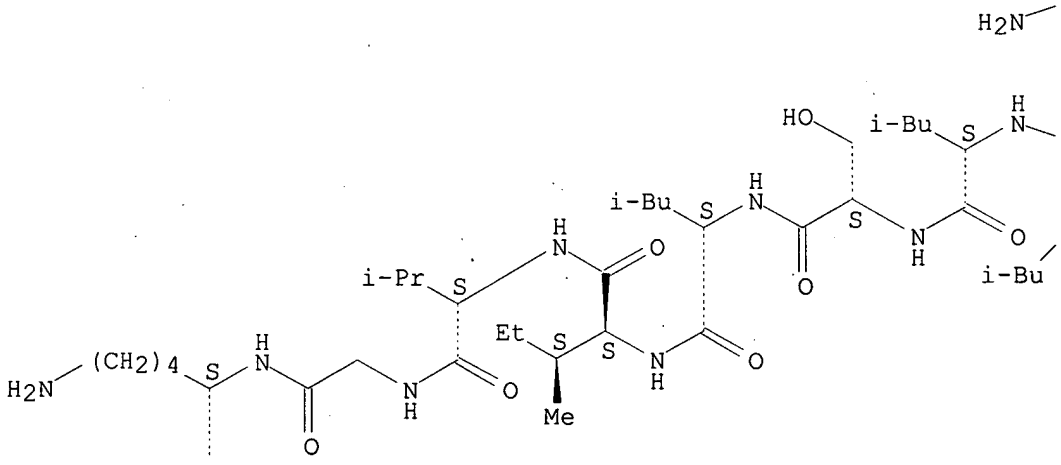
IT 771528-86-0P
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; inhibiting angiogenesis, tumor growth and metastasis by using Stq-peptides as antagonists to bind to denatured laminin)

RN 771528-86-0 HCAPLUS

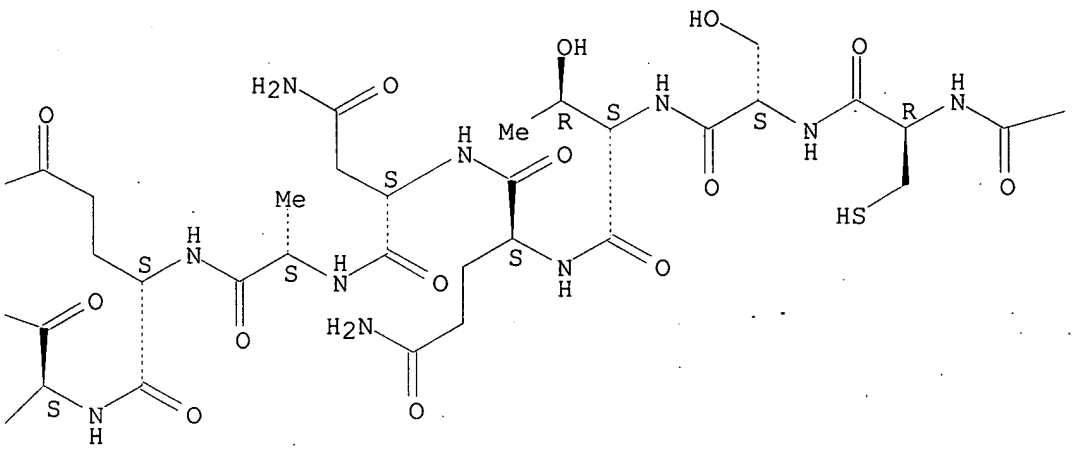
CN L-Alanine, L-lysylglycylglycyl-L-cysteinyl-L-seryl-L-threonyl-L-glutaminyl-L-asparaginyl-L-alanyl-L-glutaminyl-L-leucyl-L-leucyl-L-seryl-L-leucyl-L-isoleucyl-L-valylglycyl-L-lysyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

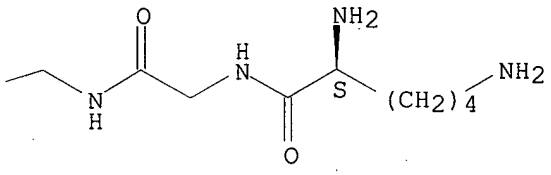
PAGE 1-A



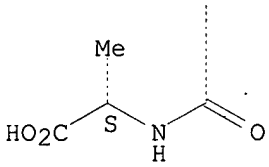
PAGE 1-B



PAGE 1-C



PAGE 2-A



=> FIL REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.28	88.99

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-3.00

FILE 'REGISTRY' ENTERED AT 15:25:43 ON 16 DEC 2006

T.S. Heard Ph.D.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 DEC 2006 HIGHEST RN 915749-75-6
DICTIONARY FILE UPDATES: 15 DEC 2006 HIGHEST RN 915749-75-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> S KGGSTQNAQLLSLIVGKA/SQSP
L5 1 KGGSTQNAQLLSLIVGKA/SQSP

=> FIL HCAP

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28.89	117.88

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.00

FILE 'HCAPLUS' ENTERED AT 15:26:14 ON 16 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 16 Dec 2006 VOL 145 ISS 26
FILE LAST UPDATED: 15 Dec 2006 (20061215/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L5
L6 2 L5

T.S. Heard Ph.D.

=> D L6 1-2 IBIB ABS HITSTR

L6 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:977981 HCAPLUS
DOCUMENT NUMBER: 145:334147
TITLE: Methods of inhibiting angiogenesis and tumor development
INVENTOR(S): Brooks, Peter, C.; Akalu, Abebe; Cretu, Alexandra; Policarpio, Desiree
PATENT ASSIGNEE(S): New York University, USA
SOURCE: PCT Int. Appl., 153pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006098987	A2	20060921	WO 2006-US8266	20060309
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 2006216236	A1	20060928	US 2006-371620	20060309
US 2006216237	A1	20060928	US 2006-372367	20060309
US 2006240002	A1	20061026	US 2006-371626	20060309

PRIORITY APPLN. INFO.:

US 2005-660713P	P	20050311
US 2005-660889P	P	20050311
US 2005-660903P	P	20050311
US 2005-711049P	P	20050824
US 2005-711177P	P	20050825

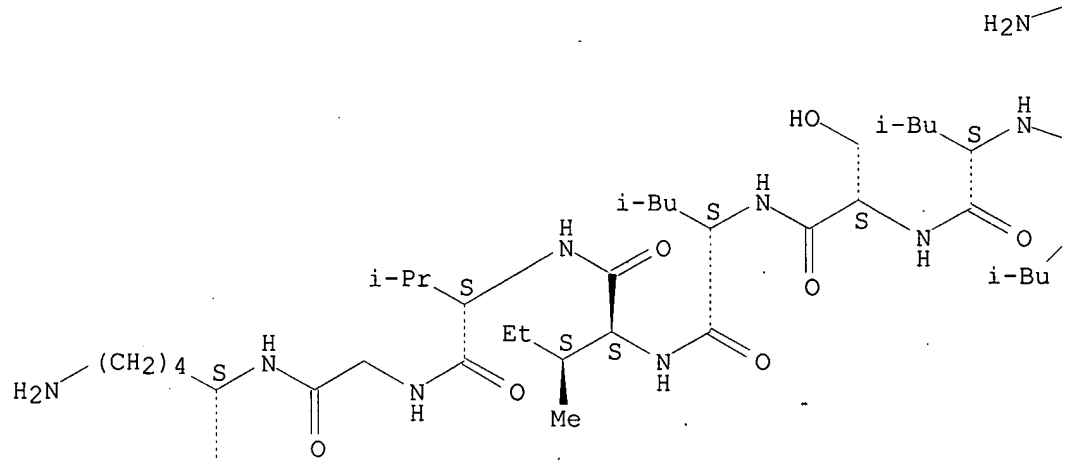
AB The authors disclose methods for identifying genes and proteins modulated by antagonism of extracellular matrix (ECM) ligands that specifically interact with αvβ3 integrin. The authors also disclose using the identified genes and proteins for inhibiting angiogenesis, tumor metastasis, and other tumor developmental processes, including cell migration, cell adhesion, cell proliferation, and tumor growth and for treating angiogenesis-dependent conditions. In one example, a monoclonal antibody antagonist of αvβ3 is shown to modulate the expression of IGFBP-4, TSP-1, Id-1, p27KIP, and p21CIP.

IT 771528-88-2
RL: PRP (Properties)
(unclaimed sequence; methods of inhibiting angiogenesis and tumor development)
RN 771528-88-2 HCAPLUS
CN L-Alanine, L-lysylglycylglycyl-L-seryl-L-threonyl-L-glutaminyl-L-asparaginyl-L-alanyl-L-glutaminyl-L-leucyl-L-leucyl-L-seryl-L-leucyl-L-isoleucyl-L-valylglycyl-L-lysyl- (9CI) (CA INDEX NAME)

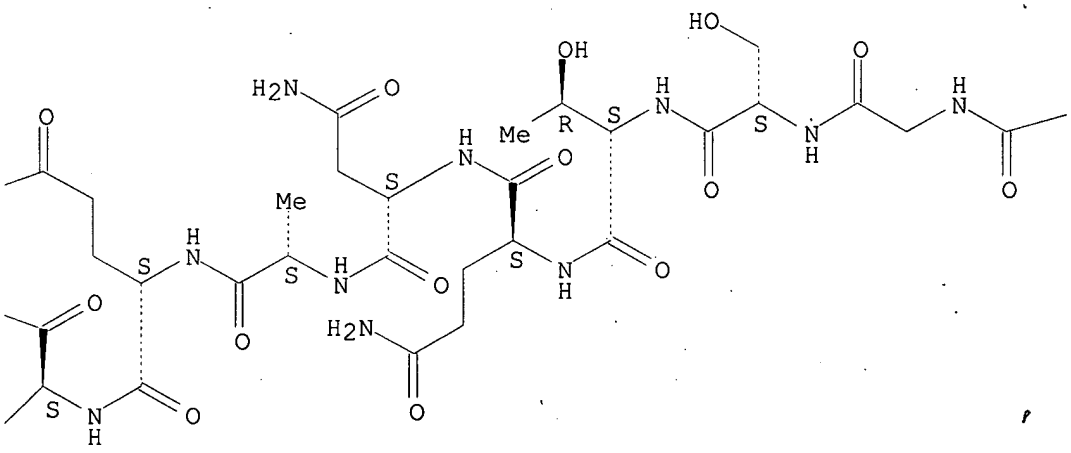
10/797,626

Absolute stereochemistry.

PAGE 1-A

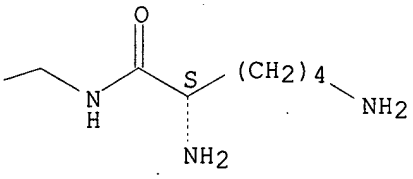


PAGE 1-B

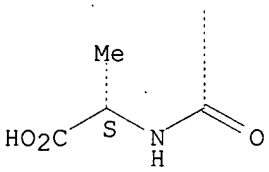


T.S. Heard Ph.D.

PAGE 1-C



PAGE 2-A



L6 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:857618 HCAPLUS
DOCUMENT NUMBER: 141:325699
TITLE: Methods for inhibiting angiogenesis, tumor growth and metastasis by using Stq-peptides as antagonists to bind to denatured laminin
INVENTOR(S): Brooks, Peter C.; Akalu, Abebe
PATENT ASSIGNEE(S): New York University, USA
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087734	A2	20041014	WO 2004-US9332	20040326
WO 2004087734	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004224896	A1	20041111	US 2004-797626	20040309
AU 2004225986	A1	20041014	AU 2004-225986	20040326
CA 2520372	A1	20041014	CA 2004-2520372	20040326
EP 1611151	A2	20060104	EP 2004-758409	20040326
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				

JP 2006524241 T 20061026 JP 2006-509356 20040326
PRIORITY APPLN. INFO.: US 2003-458523P P 20030328
WO 2004-US9332 A 20040326

AB The invention describes methods for inhibiting angiogenesis, tumor growth and metastasis in a tissue of a mammal by administering an antagonist that specifically binds to a proteolyzed or denatured laminin with substantially greater affinity than to the native form of laminin. Methods utilizing such antagonists for therapeutic treatment of tumor growth, tumor metastasis or of restenosis also are described, as are methods to use such antagonists as diagnostic markers of angiogenesis in normal or diseased tissues both in vivo and ex vivo.

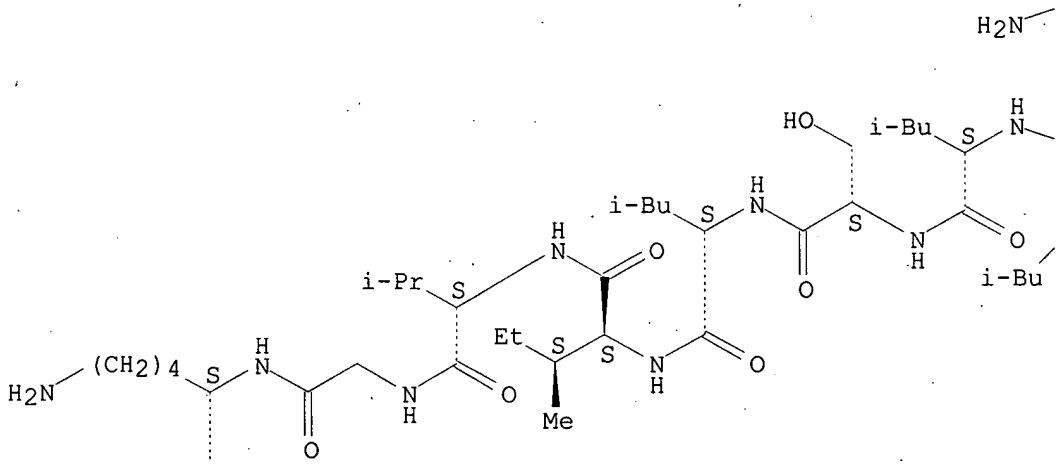
IT 771528-88-2P
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; inhibiting angiogenesis, tumor growth and metastasis by using Stq-peptides as antagonists to bind to denatured laminin)

RN 771528-88-2 HCAPLUS

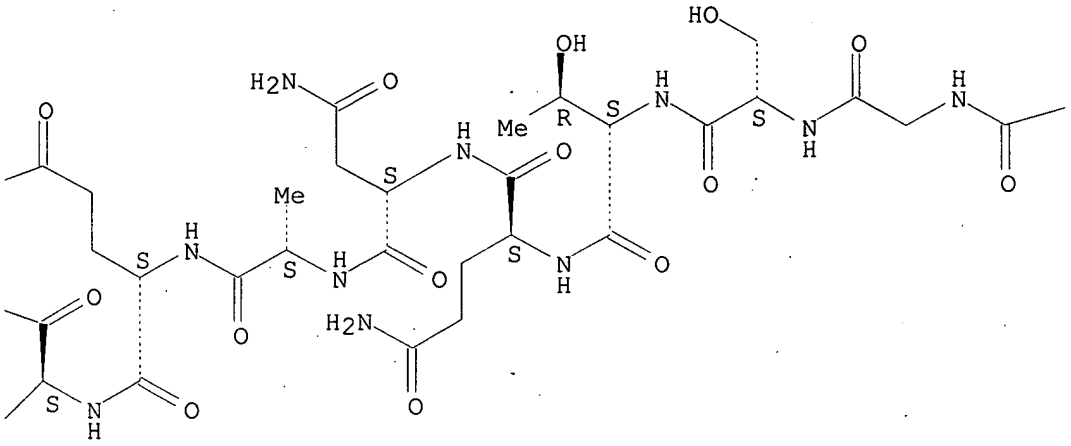
CN L-Alanine, L-lysylglycylglycyl-L-seryl-L-threonyl-L-glutaminyl-L-asparaginyl-L-alanyl-L-glutaminyl-L-leucyl-L-leucyl-L-seryl-L-leucyl-L-isoleucyl-L-valylglycyl-L-lysyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

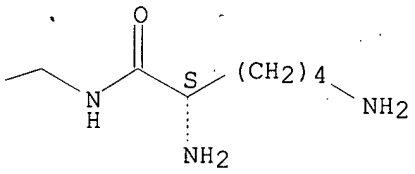
PAGE 1-A



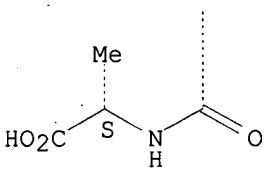
PAGE 1-B



PAGE 1-C



PAGE 2-A



=> D QUE STAT
L5 1 SEA FILE=REGISTRY ABB=ON PLU=ON KGGSTQNAQLLSLIVGKA/SQSP
L6 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L5

=> D HIS FULL

(FILE 'HOME' ENTERED AT 15:21:37 ON 16 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:21:56 ON 16 DEC 2006
L1 1 SEA ABB=ON PLU=ON STQNASLLSLTVC/SQSP

FILE 'HCAPLUS' ENTERED AT 15:22:34 ON 16 DEC 2006

T.S. Heard Ph.D.

```
L2              2 SEA ABB=ON  PLU=ON  L1
                D L2 1-2 IBIB ABS HITSTR

     FILE 'REGISTRY' ENTERED AT 15:23:44 ON 16 DEC 2006
L3              1 SEA ABB=ON  PLU=ON  KGGCSTQNAQLLSLIVGKA/SQSP

     FILE 'HCAPLUS' ENTERED AT 15:24:44 ON 16 DEC 2006
L4              2 SEA ABB=ON  PLU=ON  L3
                D L4 1-2 IBIB ABS HITSTR

     FILE 'REGISTRY' ENTERED AT 15:25:43 ON 16 DEC 2006
L5              1 SEA ABB=ON  PLU=ON  KGGSTQNAQLLSLIVGKA/SQSP

     FILE 'HCAPLUS' ENTERED AT 15:26:14 ON 16 DEC 2006
L6              2 SEA ABB=ON  PLU=ON  L5
                D L6 1-2 IBIB ABS HITSTR
                D QUE STAT


     FILE HOME

     FILE REGISTRY
     Property values tagged with IC are from the ZIC/VINITI data file
     provided by InfoChem.

     STRUCTURE FILE UPDATES:   15 DEC 2006  HIGHEST RN 915749-75-6
     DICTIONARY FILE UPDATES:  15 DEC 2006  HIGHEST RN 915749-75-6

     New CAS Information Use Policies, enter HELP USAGETERMS for details.

     TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

       Please note that search-term pricing does apply when
       conducting SmartSELECT searches.

     REGISTRY includes numerically searchable data for experimental and
     predicted properties as well as tags indicating availability of
     experimental property data in the original document.  For information
     on property searching in REGISTRY, refer to:

     http://www.cas.org/ONLINE/UG/regprops.html

     FILE HCAPLUS

     Copyright of the articles to which records in this database refer is
     held by the publishers listed in the PUBLISHER (PB) field (available
     for records published or updated in Chemical Abstracts after December
     26, 1996), unless otherwise indicated in the original publications.
     The CA Lexicon is the copyrighted intellectual property of the
     the American Chemical Society and is provided to assist you in searching
     databases on STN.  Any dissemination, distribution, copying, or storing
     of this information, without the prior written consent of CAS, is
     strictly prohibited.

     FILE COVERS 1907 - 16 Dec 2006  VOL 145 ISS 26
     FILE LAST UPDATED: 15 Dec 2006  (20061215/ED)

     New CAS Information Use Policies, enter HELP USAGETERMS for details.
```

10/797,626

This file contains CAS Registry Numbers for easy and accurate substance identification.

T.S. Heard Ph.D.